## Consent Agenda Tree Removal Appeal Case A-2193

Removal of one eighteen (18)-inch diameter Magnolia tree located in the rear yard of the property.

Dr. Michael and Ms. Yael Summerfield 7 Oxford Street

To:

Chevy Chase Village Board of Managers

From: Date:

Laura Billings August 21, 2015

Re:

TOB Report Regarding Case A-2193, Dr. & Mrs. Michael Summerfield, 7 Oxford

Street: Removal of one 18-inch diameter Magnolia Tree from the rear yard.

Yael and Michael Summerfield wish to remove a mature Magnolia tree from their western side yard at 7 Oxford Street. The Summerfields will soon re-landscape their yard and wish to remove the Magnolia tree as part of that project. The Summerfields duly filed an appeal of the Village Manager's decision to deny removal of the Magnolia tree and were then referred to the Tree Ordinance Board.

I contacted the Summerfields' closest neighbors (where possible) about the proposed removal. No neighbor expressed concern regarding the removal. The Summerfields' neighbors at 5 Oxford Street, Dean & Susan Monroe, submitted a letter to the Village expressing support for the removal of the Magnolia tree, which is located very close to the side property line with 5 Oxford Street. Evidently, the tree drops leaves and petals onto the property at 5 Oxford Street and its shade creates a difficult growing environment.

Members of the TOB inspected the tree and potential sites for reforestation. The TOB had some reservations about removing the Magnolia tree because it is mature, in good health, and attractive. However, the TOB believes that additional circumstances support the tree's removal.

First, 7 Oxford has a very small rear yard due to its narrow lot and because of rear additions constructed onto the main house. There is thus little room for mature trees in the rear yard. Second, the Magnolia is apparently a nuisance not only to 7 Oxford, but to the neighbors at 5 Oxford as well. Third, a new house at 9 Oxford Street was recently constructed on a previously empty lot. As part of the reforestation plan following this construction, two maple trees were planted along the 9 Oxford west (side) lot line immediately adjacent to 7 Oxford's rear yard. For all intents and purposes, these two maple trees form part of the landscape of 7 Oxford's rear yard. When mature, they will dominate 7 Oxford's rear yard and create a significant amount of shade. Given the foregoing, therefore, even following the proposed removal of the Magnolia tree, 7 Oxford's rear yard will accommodate about as many large trees as it reasonably can support.

Dr. and Mrs. Summerfield are amenable to reforestation as part of the proposed removal. As described above, however, there is not ample space at 7 Oxford in which to reforest. Although the Summerfields suggested planting a third maple in line with the two maples erected by 9 Oxford, there is not sufficient room for three maples to thrive in that location.

Therefore, the TOB has decided, and the Applicants agree, that the Summerfields may reforest on another site in the Village public right-of-way. The Tree Committee will select the reforestation site and the appropriate specimen for reforestation, but it will be a hardwood deciduous tree of at least 2 ½" caliper at installation which will grow to a mature height of 45 feet. The Applicants will pay the cost of said tree. The Village will select and plant said tree and will accordingly bill the Summerfields within one year from the date of the executed consent agreement.

I believe that the foregoing reflects a reasonable resolution of the issues in a manner consistent with Village Board policies.

Submitted by: Laura Billings Chairperson Tree Ordinance Board REFORESTATION CONSENT AGREEMENT

**RECITALS** 

This Consent Agreement ("Agreement") is entered into by CHEVY CHASE VILLAGE, ("Village"), a

Maryland municipal corporation and Michael Summerfield and Yael Summerfield, (collectively the

"OWNER"), the owners of Lot 33, Block 57, in the subdivision known as Section 2, CHEVY CHASE,

as per plat thereof recorded in Plat Book 2 at Plat Number 151, among the Land Records of Montgomery

County, Maryland (the "Property").

The Owner has requested a permit from the Village Manager under Section 17-3 of the Village Code to

remove one 18-inch diameter Magnolia tree, hereinafter referred to as the "Subject Tree", (the trunk of

which measures more than 24 inches in circumference at 4-1/2 feet above ground and therefore requires a

permit for removal) located in the west rear yard of the Property as indicated on the plan attached hereto

as Exhibit A. The Owner seeks to remove the Subject Tree in order to remove a nuisance and implement

a landscape plan, hereinafter referred to as the "Proposed Work". The Village Manager denied the permit

for failure to meet any of the conditions set forth in Section 17-3.

The Owner has appealed the denial of the permit. The appeal was considered under the criteria set by

Section 17-5 of the Village Code, by the Tree Ordinance Board ("TOB"), which has issued its

recommendation.

The TOB, after following the requirements for notice to confronting and abutting owners and the Village

Tree Committee, concluded that the Proposed Work was a legitimate reason for removing the Subject

Tree, that it was necessary to remove the tree to construct the Proposed Work, and that the tree proposed

to be removed was not by reason of its age, size or outstanding qualities, including uniqueness, rarity or species specimen, of such nature as to require its preservation.

Based on the foregoing, the TOB provided its recommendation, which has been accepted by the Board of Managers. The Board has decided that it is in the public interest to grant the Owner's appeal, on condition that the Owner sign this Agreement.

NOW, THEREFORE, in consideration of the mutual undertakings and obligations herein contained, One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Village and the Owner hereby agree and covenant as follows:

- 1. The Owner agrees that, within six months from the effective date of this Consent Agreement, the Owner will reimburse the Village for the cost of a Reforestation Tree (or variety thereof) of at least 2-½ inches in caliper, to be selected at the Village's discretion and planted by the Village in a public right-of-way at the Village's discretion. The Owner agrees to reimburse the Village for the cost of replacing such tree if it becomes diseased or dies within two years of the effective date of this Agreement.
- 2. Any changes or modifications to the Reforestation Plan shall require the further written consent of the Village, which may be withheld in the Village's sole discretion.
- 3. The Owner acknowledges that compliance with this Consent Agreement is necessary for the protection of the public health, safety and welfare of the residents of the Village and acknowledge and agree, in the event of Owner's breach of this Agreement, that the Village would not have an adequate remedy at law, and the Village shall be entitled to specific performance of the Owner's obligations and to injunctive relief related thereto without posting a bond or proving actual damages, in addition to any other remedies which may be available. The Owner further agrees that the costs incurred by the Village to enforce the Agreement, including legal expenses, shall be charged to the Owner and may be assessed

against the Owner's property along with property taxes. The Owner further agrees not to contest any action brought by the Village to obtain specific performance and injunctive relief under this Agreement.

- 4. The Owner also acknowledges that the Village and the public residing in the Village would incur substantial damages in the event of Owner's breach of the requirements of this Agreement, including, but not limited to, the costs of staff time, arborist time, and other expenses incurred in enforcing this Agreement and the diminution of the Village's tree canopy. The parties recognize the difficulty in computing actual damages and, accordingly, agree to liquidated damages for the aforesaid costs, delay, and harm to the public. The parties acknowledges that liquidated damages of \$1,000.00 are a reasonable estimate, at the time of the execution of this Agreement, of the damages to the Village and the public that will likely occur as a result of the Owner's failure to perform their obligations under this Agreement. The Owner acknowledges that the liquidated damages agreed to are not a penalty and that they, along with any costs incurred by the Village, including legal expenses, may be assessed against the Property along with property taxes.
- 5. The Owner shall be jointly and severally liable for their obligations hereunder and expressly waive any right to a jury trial.
- 6. The effective date of this Consent Agreement is the date the Village Manager signs the Agreement signifying that she has been informed by the Village Board of Managers that the Consent Agreement has been approved.

| OWNER:              |                                       |     | CHEVY CHASE VILLAGE                  |
|---------------------|---------------------------------------|-----|--------------------------------------|
| Michael Summerfield |                                       | Ву: | Shana R. Davis-Cook, Village Manager |
| Yael Summerfield    | · · · · · · · · · · · · · · · · · · · |     |                                      |
| Date:               |                                       |     |                                      |

## **Chevy Chase Village**

# Statement of Appeal for Tree Removal Permit

| Subject Property: 7 Oxform Street                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Briefly Describe the Proposed Tree Removal (provide additional detail on following pages):                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| see altachment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applicant Name(s) (List all property owners):  Mike and Yaej Symmers.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Daytime telephone: 410-961-4283 Cell:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| E-mail: Michael Summer Friedly Chofman 1. 201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Address (if different from property address):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| For Village staff use:  Date this form received: 123   Tree Removal Permit Appeal No: A - 2   9   3                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Filing Requirements:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (Application will not be accepted or reviewed until the application is complete.)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Completed Chevy Chase Village Statement of Appeal for Tree Removal Permit (this form)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Denied Chevy Chase Village Tree Removal Permit Application  Chevy Chase Village Tree Inspection Report from Village Arborist                                                                                                                                                                                                                                                                                                                                                                                                        |
| Surveys, plats, landscaping plans/specifications, or other accurate drawings showing boundaries, dimensions, and area of the property, as well as the location and dimensions of all structures/fences/walls/etc. and the tree(s) sought to be removed.  Appeal fee (See fee schedule in Chapter 6 of the Village Code).                                                                                                                                                                                                            |
| Affidavit  I hereby certify that I have the authority to submit the foregoing appeal, that all owners of the property have signed below, that I have read and understand all requirements and that I or an authorized representative will appear at the scheduled public hearing in this matter. I hereby authorize the Village Manager, or the Manager's designee, the Board of Managers, and members of the Village Tree Committee, to enter onto the subject property for the purposes of assessing the site in relation to this |
| appeal. I hereby declare and affirm, under penalty of perjury, that all matters and facts set forth in the foregoing statement are true and correct to the best of my knowledge, information and belief.                                                                                                                                                                                                                                                                                                                            |
| Applicant's Signature:  Date: 7/23/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicant's Signature:  Page   Lofe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Describe the reasons why the tree removal would not adversely affect the public health, safety or welfare nor the reasonable use of adjoining properties:                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| see a Hadriment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| See M. American                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Describe the reasons why the tree removal would not substantially impair the intent and purpose of Chapter 17 of the Chevy Chase Village Code, entitled <i>Urban Forest</i> :                                                                                                                                                                                                                                                                                                                                                                                                         |
| see alfadirat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Describe whether the tree exhibits any of the following criteria: (i) is diseased beyond restoration, insect infested beyond restoration, or injured beyond restoration; (ii) is dead or dying, or in danger of falling; (iii) constitutes a hazard to the safety of persons; (iv) constitutes a hazard to the safety of property; (v) constitutes a hazard and threatens injury to, or would have a negative effect on the health of other trees; (vi) is injurious to or creates a condition injurious to the health of a person, certified to by a qualified medical practitioner: |
| see a Hackmest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Describe the reasons for wanting to remove or destroy the tree(s):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Can Wast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| see a Hochmot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Describe the reasons, if any, cited by residents who are either in favor of or in opposition to the issuance of the requested tree removal permit:                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| see a Hachmont                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| see a Hachmont                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| If the desired tree clearing is necessary to achieve proposed development, construction or land use otherwise permitted under the Village Code, describe the proposed project and/or land use and any reason(s) why there is no reasonable alternative to the tree removal:                                                                                                                                                                                                                                                                                                           |

Describe the basis for the appeal (attach additional pages as needed)

| Fee Paid:  Date Paid:                                                                                                                | Staff Signature:<br>Date:             |                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------|
| Appeal Fee: \$250.00                                                                                                                 | Checks Payable To:                    | Chevy Chase Village<br>5906 Connecticut Ave.<br>Chevy Chase, MD 20815 |
|                                                                                                                                      | · · · · · · · · · · · · · · · · · · · |                                                                       |
| and intent of Chapter 17 of the Chevy C                                                                                              | thase Village Code.                   | is the substituting effective the purpose                             |
| In authorizing a Tree Removal Permit a<br>may require such conditions, terms or r<br>safety or welfare, the reasonable use of        | estrictions as it deems necessary     | in order to protect the public, health,                               |
|                                                                                                                                      |                                       | •                                                                     |
|                                                                                                                                      |                                       |                                                                       |
|                                                                                                                                      | Haehrout                              | ness and justice in deciding this appear.                             |
| Describe any other relevant matters that                                                                                             | you believe would promote fair        | ness and justice in deciding this appeal:                             |
| see a                                                                                                                                | fadyment                              |                                                                       |
| Describe the reasons why preserving the including uniqueness, rarity or species s                                                    | specimen, of the tree(s):             | of the age, size or outstanding qualities,                            |
| Describe the reasons why meson in the                                                                                                | - tuna(a) in mat desirable has asses  | -C4h                                                                  |
|                                                                                                                                      |                                       |                                                                       |
| see affac                                                                                                                            | dinest                                |                                                                       |
| Describe any hardship that would result                                                                                              | if the requested tree removal is      | denied:                                                               |
|                                                                                                                                      |                                       |                                                                       |
| See alt                                                                                                                              | ach ment                              |                                                                       |
| Describe any proposed reforestation and<br>Village standards for reforestation (i.e.,<br>of installation and of a species that achie | deciduous hardwood trees that a       | re least 2 1/2 inches in caliper at the time                          |

Describe the reasons why the tree removal would not adversely affect the public health, safety or welfare nor the reasonable use of adjoining properties.

The tree as it is situated is adversely affecting our neighbors at 5 Oxford. The leaf and stem droppings onto their yard are a nuisance and it is preventing them from using their garden along the fence. This type of tree should not have been planted in close proximity to the property line. The tree removal is encouraged by our neighbors. In terms of public health, the magnolia tree carbon dioxide offset is far less than the hardwood species that will part of the reforestation plan.

Describe the reasons why the tree removal would not substantially impair the interest and purpose of Chapter 17 of the Chevy Chase Village code, entitled Urban Forest.

The proposed removal of the magnolia species is consistent with Chapter 17 of the Chevy Chase Village Code:

Sec 17-3 (4)- The tree constitutes a hazard and threatens injury to property;

This tree is preventing the health and maintenance of our neighbor's yard at 5 Oxford St.

This particular magnolia tree has no outstanding properties. A reforestation plan, with the guidance and collaboration of the Tree Ordinance Board will allow the planting of trees that better fit the purpose and intent of Chapter 17.

Describe whether the tree exhibits any of the following criteria: is diseased beyond restoration, insect infested beyond restoration, or injured beyond restoration, 2) is dead or dying or in danger of falling, 3) constitutes a hazard to the safety of persons, 4)constitutes a hazard to the safety of property, 5)constitutes a hazard and threatens injury to or would have a negative effect on the health of other trees, 6)is injurious to or creates a condition injurious to the health of a person, certified by a medical practitioner.

The protruding roots are creating a hazardous situation. The overlying brick driveway is uneven, creating a fall hazard. The position of the tree at the top of the driveway magnifies this danger since it is a high traffic area for walking.

Describe the reasons for wanting to remove or destroy the tree.

The reason to remove the tree is to relieve the burden the tree puts on our neighbors, alleviate the root problem at the top of the driveway, and to plan an overall reforestation concept for our yard.

Describe the reasons if any cited by residents who are either in favor of or in opposition to the issuance of the requested tree removal permit.

Our neighbors on the side where the tree is, Dean and Susan Monroe, fully support our appeal to remove the tree. Since the tree is close to their property line, they are also adversely affected by the droppings from our magnolia tree which is preventing them from growing healthy grass and plants.

If the desired tree clearing is necessary to achieve proposed development, construction or land use otherwise permitted under the Village code, describe the proposed project and/or land use and any reasons why there is no reasonable alternative to the tree removal.

We are not proposing any development, construction, or alteration of land use. We do plan to plant other hardwood trees along the fence proximal to the tree.

Describe any proposed reforestation and whether the proposed reforestation includes any trees that meet the Village standards for reforestation (deciduous hardwood trees that are least 2.5 inches in caliper at the time of installation and of a species that achieves a mature height of atleast 45 feet.

New plantings are planned along the fence in the side yard and back fence. The new layout will better achieve the intent of Chapter 17 of the Chevy Chase Village Code. Our goal is to enhance a "park-like setting" for the space. We are looking forward to working with the tree ordinance board for final selection of species.

Describe any hardship that would result if the requested tree removal is denied.

At this time we have kept a great relationship with our neighbors, despite constant apologies for them having to clean up leaves and cones. We would like to remove the burden on them. Also with limited space we need to have safe areas to walk near the top of the driveway.

Describe the reasons why preserving the tree is not desirable because of the age, size or outstanding qualities including uniqueness, rarity or species specimen of a tree.

The tree is not special or rare. It does not have outstanding qualities. It is not tagged by Chevy Chase Village and also not considered a canopy tree. The carbon offset that this tree provides is minimal compared to hardwood species.

Describe any other relevant matters that you believe would promote fairness and justice in the appeal.

We recently had the property at 9 Oxford developed. Prior to the development we felt that our home was a little park-like paradise. We could look out of the window into green landscape, and there were beautiful canopy trees. The views from the windows into the trees was one of our motivations to purchase the home. When the lot was developed most of the mature trees were taken down and the park-like feeling disappeared. Our motivation is to try to recreate what was there. We feel that a proposed reforestation plan will enhance the Chevy Chase Village landscape. As part of that plan we would like to include removal of this tree for the above mentioned reasons.

### **CCV Permitting**

From:

Monroe, Dean D [dean.d.monroe@exxonmobil.com]

Sent:

Thursday, July 16, 2015 11:28 AM

To:

**CCV** Permitting

Cc:

michaelsummerfield@gmail.com; yaelkauffman@gmail.com

Subject:

Support of Request to Remove Magnolia Tree from 7 Oxford Street Backyard

#### Ellen,

I write to express my full support of the request by my neighbors Michael and Yael Summerfield of 7 Oxford Street to remove the magnolia tree in their backyard, which is a nuisance and intrusive. I understand they would like to replace this tree with a different type of screening tree(s), which would be a significant improvement for several reasons:

- The magnolia tree branches interfere with the phone line cables that come into our house from the main line in the backyard.
- Magnolia trees have significant leaf and bulb droppings, which have prevented a good portion of our backyard from
  growing normal/healthy grass and plants. For several years, I have collected the substantial droppings from this tree
  on a regular (weekly) basis in attempt to revitalize the portion of my yard that has been impacted, but to no avail.
- Most arborists recommend magnolia trees be planted away from any location where leaf accumulation will cause problems. Replacing this magnolia tree with a less intrusive/destructive tree(s) would enable our yard to return to a healthy state.

I would greatly appreciate your considering and acting favorably upon this request, which again my wife and I fully support.

Dean and Susan Monroe 5 Oxford Street

### MAILING LIST FOR 7 OXFORD STREET

DR. & MRS. MICHAEL SUMMERFIELD 7 OXFORD STREET CHEVY CHASE, MD 20815

| Adjoining and confronting property owners |                              |  |  |
|-------------------------------------------|------------------------------|--|--|
| Mr. & Mrs. Dean Monroe                    | Mr. Bob Holman               |  |  |
| Or Current Resident                       | Or Current Resident          |  |  |
| 5 Oxford Street                           | 9 Oxford Street              |  |  |
| Chevy Chase, MD 20815                     | Chevy Chase, MD 20815        |  |  |
| Ms. Natalie B. Wilensky &                 | Mr. & Mrs. Dale Jones        |  |  |
| Mr. Robert B. Bellinger                   | Or Current Resident          |  |  |
| Or Current Resident                       | 4a Oxford Street             |  |  |
| 2 Oxford Street                           | Chevy Chase, MD 20815        |  |  |
| Chevy Chase, MD 20815                     |                              |  |  |
| Mr. & Mrs. Clarke D. Camper               | Mr. & Mrs. Edward C. McReady |  |  |
| Or Current Resident                       | Or Current Resident          |  |  |
| 6 Primrose Street                         | 4 Primrose Street            |  |  |
| Chevy Chase, MD 20815                     | Chevy Chase, MD 20815        |  |  |

Ellen Sands
Permitting and Code Enforcement Coordinator
Chevy Chase Village
5906 Connecticut Avenue
Chevy Chase, MD 20815

### **Chevy Chase Village**

### **Tree Removal Permit Application**

Permit No. 203

All trees on private property with trunks that measure at least twenty-four (24) inches in circumference (or 7.7 inches in diameter) at four and one-half (4½) feet above ground level require a Village permit to be removed.

| Property Address: 7 Oxford Street  Resident: Yae I and Mike Summer field  Telephone: 202-412-2850 |
|---------------------------------------------------------------------------------------------------|
| Resident: Yae land Mike Summer field                                                              |
| Telephone: 202-412-2850                                                                           |
| E-mail: Yael Kauffmonegnail GM                                                                    |
| Tree Removal Contractor (required and must be a Maryland Licensed Tree Expert):                   |
| Business Name: RS Tree Service                                                                    |
| Owner: RuseAo SolorZano                                                                           |
| Address: 4925 Galdsen Drive FAIREX, UA 22032                                                      |
| Telephone: Fax:                                                                                   |
| E-mail: Rstreesevice @ yahoo com                                                                  |
| MD Dept. of Natural Resources (DNR) Licensed Tree Expert (LTE) No. (required): 002030             |
| For Village office staff use:                                                                     |
| Is this property located within the historic district? Yes V No Staff initials                    |
| Verification of species pursuant to Sec. 17-3(a)(7): NA Staff initials                            |
| Date application submitted to Village Office: 10 Date approved or denied:                         |

Village Code Chapter 17. Urban Forest §17-1 and 17-2. Permit Required.

"No person shall remove or destroy, or cause the removal or destruction, of a tree or undertake any action that will substantially impair the health or growth of a tree without first obtaining a permit from the Village Manager. No permit shall be required for normal and reasonable trimming or other tree care designed to maintain the health, shape, or balance of a tree."

#### Village Code §17-3. Permit Standards.

The Village Manager may issue a permit *only* if at least one (1) of the following conditions applies:

- The tree is diseased beyond restoration, insect infected beyond restoration, or injured beyond restoration;
- The tree is dead or dying, or is in danger of falling;
- The tree constitutes a hazard to the safety of persons;
- The tree constitutes a hazard and threatens injury to property;
- The tree constitutes a hazard and threatens injury to, or would have a negative effect on the health of other trees;
- The tree is injurious to or creates a condition injurious to the health of a person, certified to by a qualified medical practitioner;
- The tree is on a list of tree species of little value, as determined by the Board of Managers after consultation with the Village arborist and Village Tree Committee.

An applicant who is denied a tree removal permit by the Village Manager may appeal that decision to the Board of Managers. Any appeal must be in writing and made within ten (10) days of the permit denial.

#### **Filing Requirements**

- Copy of the findings and recommendations report from the Village Arborist or, pursuant to Sec. 17-3(a)(7), Village staff.
- This completed application, including the tree contractor's name, phone number and MD-DNR License No.
- Payment of \$50.00 per tree filing fee for a Village Tree Removal Permit application, up to a max. of \$350.

Do you intend to reforest on your property?

### **REFORESTATION INCENTIVE**

Under the new Tree Incentive Program, the Village will reimburse residents for up to half of the total costs to a maximum of \$175 for the purchase and planting of qualifying canopy trees on privately owned properties. Additionally, applicants for Tree Removal Permits will be refunded their permit filing fee if they plant a canopy tree within six months of receiving a Village Tree Removal Permit.

|   | they plant a canopy tree within six m                        | onths of receiving a Village Tree Removal Permit.             |
|---|--------------------------------------------------------------|---------------------------------------------------------------|
|   | By signing below, I understand tha                           | t no work may be performed until the Village permit is issued |
|   | and posted to be visible from the st  Applicant's Signature: | Date: 7/8/15                                                  |
|   | Tree Remova                                                  | al Plans (including reforestation plan, if any)               |
|   |                                                              | and a variety (moracing releasement plant, it any)            |
|   |                                                              |                                                               |
| A | PPROVER                                                      |                                                               |
|   | For Use By Village Me age                                    | Approved with the following conditions:                       |
|   | JUL 2 8 2015                                                 | 11 (2010)                                                     |
|   |                                                              | Monda in the roar yard                                        |
|   | Chevy Chase                                                  | Lander - Whit in main trun                                    |
|   |                                                              |                                                               |
|   | For Use By Vinage Ma get                                     | Denied for the following reasons:                             |
|   | JUL 2 8 2015                                                 | "Magnolia in the rear yourd                                   |
|   |                                                              | - Heathy Monda Dear                                           |
|   | Chevy Chase Village Manager 2000                             | Therefore the second                                          |
|   | 2 cheeks Chick That &                                        |                                                               |
|   | Filing Fee: (Mullet                                          | Checks Payable to:                                            |
|   | \$50.00/tree x $\frac{1}{2}$ trees = $\frac{1}{2}$           | Chevy Chase Village                                           |
|   | \$50.00/tree x $\frac{1}{2}$ trees = $\frac{1}{2}$           | 5906 Connecticut Avenue<br>Chevy Chase, MD 20815              |
|   | (up to \$350 max. per application)                           |                                                               |
|   | Damage Deposit                                               | Village Manager Signature:                                    |
|   | \$                                                           | Date:                                                         |
|   | Waived by Village Manager.                                   |                                                               |
|   | Total Fees + Deposit:                                        | Staff Signature: 4 Me                                         |
|   | 50.W                                                         | Date: 7/6/17                                                  |

# Chevy Chase Village

## **Tree Inspection Request Form**

| Property Address: 7 Dxfor Street                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     |                                                       |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--|--|
| Date this form submitted to Village office:                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                                       |  |  |
| Resident Name: Yeel and Mike Sumi                                                                                                                                                                                                                                                                                                                                                                                                                                      | rofreed                                               |                                                       |  |  |
| Phone: 202-412-2850                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                                                       |  |  |
| E-mail: Yael Kauffron & grail.com,                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                       |  |  |
| This request initiated by: Village office staff. Reside                                                                                                                                                                                                                                                                                                                                                                                                                | ent/property owner                                    |                                                       |  |  |
| Inspect tree(s)¹ requested for removal are any of condition.  Inspect trees¹ on property to determine if a Tree Protection.  Pursuant to a Village Bldg Permit application², prepare TPF.  Verify that a TPP has been implemented for Village Buildin.  Follow up on an existing TPP is it OK to remove TPP?  Village right-of-way/park.  Other:  ¹ Show location of tree(s) on a plat or site plan (or on diagrated).  ² Attach full description of proposed project. | Plan (TPP) is neede P for trees¹ on prope ng Permit # | d for proposed project <sup>2</sup> . rty [\$250 fee] |  |  |
| Sections below must be completed by Village Arborist:                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                       |  |  |
| Tree #1: Private Property Village right-of-way Location: Rear Front Village right-of-way Location: Species: Magnolia  Assessment: Healful Magnolia                                                                                                                                                                                                                                                                                                                     | Tag#:                                                 | □tn/a: ne tag.                                        |  |  |
| Tree #2: □ Private Property □ Village right-of-way Location: □ Rear □ Front □ Side-L □ Side-R DBH*= Species: Assessment:                                                                                                                                                                                                                                                                                                                                               |                                                       | □ n/a: no tag.                                        |  |  |
| Tree #3: □ Private Property □ Village right-of-way Location: □ Rear □ Front □ Side-L □ Side-R DBH*= Species:                                                                                                                                                                                                                                                                                                                                                           | Tag#:                                                 | □ n/a: no tag.                                        |  |  |
| (For more trees, please check here and attach pages: # of extre Arborist assessment: Does tree meet any of the conditions in V                                                                                                                                                                                                                                                                                                                                         | a trees; # of extr<br>Village Code 17-3 to            | a pages                                               |  |  |
| Removal Approved Denied *Is permit required? (i.e, t                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                                                       |  |  |
| Tree #1 $\square$                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tree #1                                               |                                                       |  |  |
| Tree #2                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tree #2                                               |                                                       |  |  |
| Tree #3                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tree #3                                               |                                                       |  |  |
| Arborist/Staff Signature                                                                                                                                                                                                                                                                                                                                                                                                                                               | Dat                                                   | e 7/10/18                                             |  |  |

# Diagram for Tree Inspection/Reforestation Recommendation (use this diagram ONLY if a plat or site survey is unavailable)

| Instructions                            | for Arborist (or) Notes from Arborist:               |                                                     |
|-----------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|                                         |                                                      |                                                     |
| Arborist Ref<br>Species(s) (i           | orestation Recommendation:<br>n Order of Preference) |                                                     |
| *************************************** |                                                      |                                                     |
| Location (in                            | Order of Preference)                                 | MPROSESSA (S. S. S |
|                                         |                                                      |                                                     |
|                                         |                                                      |                                                     |
|                                         | Rear of house                                        |                                                     |
|                                         |                                                      | ]                                                   |
|                                         | **                                                   |                                                     |
| Side-Left                               |                                                      | Side-Right                                          |
|                                         |                                                      |                                                     |

Street

### **Chevy Chase Village**

## **Tree Inspection Request Form**

| Property Address: 7 DX GVD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|
| Date this form submitted to Village office: $7/231/5$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | and the second second                                                             |                                                |
| Date this form submitted to Village office: $7/23115$ Resident Name: Mile and Yeel Summ Phone: $202-412-2850$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | whered                                                                            |                                                |
| E-mail: Jael konfrone smail com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | •                                                                                 |                                                |
| This request initiated by: Village office staff.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | lent/property owner                                                               |                                                |
| Inspect tree(s)¹ requested for removal are any of conditional Inspect trees¹ on property to determine if a Tree Protection Pursuant to a Village Bldg Permit application², prepare TF Verify that a TPP has been implemented for Village Build Follow up on an existing TPP is it OK to remove TPP? Village right-of-way/park Other:    Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s) on a plat or site plan (or on diagonal contents)   Show location of tree(s)   Show locat | n Plan (TPP) is needed f<br>PP for trees <sup>1</sup> on property<br>ing Permit # | or proposed project <sup>2</sup> . [\$250 fee] |
| <sup>2</sup> Attach full description of proposed project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , and only t                                                                      | prat unavanciotoj.                             |
| ections below must be completed by Village Arborist:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |                                                |
| Tree #1: □ Private Property □ Village right-of-way Location: □-Rear □ Front □ Side-L □ Side-R  DBH*= /8" Species: □ CECIAI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tag#:                                                                             | øn/a: no tag.                                  |
| DBH*= 18" Species: P CECIAT<br>Assessment: Split In Man frunk hazuri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | lows, remove                                                                      |                                                |
| Tree #2: □ Private Property □ Village right-of-way Location: □ Rear □ Front □ Side-L □ Side-R DBH*= Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tag#:                                                                             | □ n/a: no tag.                                 |
| Assessment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                   |                                                |
| Free #3: □ Private Property □ Village right-of-way Location: □ Rear □ Front □ Side-L □ Side-R DBH*= Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tag#:                                                                             | □ n/a: no tag.                                 |
| Assessment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                   |                                                |
| For more trees, please check here and attach pages: # of ext Arborist assessment: Does tree meet any of the conditions in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | , trunk circumference ≥24'                                                        | "?) Y N                                        |
| Tree #1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tree #1 Tree #2 Tree #3                                                           |                                                |
| Arborist/Staff Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date                                                                              | 7/128/15                                       |

# Diagram for Tree Inspection/Reforestation Recommendation (use this diagram ONLY if a plat or site survey is unavailable)

| Instructions for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | or Arborist (or) Notes from                                                                                     | Arborist:     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
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| Location (in C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Order of Preference)                                                                                            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| POTE THE CONTRACT OF THE PROPERTY OF THE PROPE | MARKEN, (MEN 1981) 1944 (1988) CHART AUTOMOS (1986) (1986) 194 (1986) (1986) (1986) (1986) (1986) (1986) (1986) | Rear of house | AMARANA (KILI) MARAN (KILI) KILI KILI KILI KILI KILI KILI KILI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Maradan (A) PRI () (PANSANTE) (PANSANTE) (SA) (Sa) (A) (C) armount about 1 a sa anna anna an |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |               | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |
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| Side-Left                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Side-Right                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |

Street



Understanding This Tool:

The Tree Benefit Calculator allows anyone to make a simple estimation of the benefits individual street-side trees provide. This tool is based on <u>i-Tree's</u> street tree assessment tool called <u>STREETS</u>. With inputs of location, species and tree size, users will get an understanding of the environmental and economic value trees provide on an annual basis.

The Tree Benefit Calculator is intended to be simple and accessible. As such, this tool should be considered a starting point for understanding trees' value in the community, rather than a scientific accounting of precise values. For more detailed information on urban and community forest assessments, visit the <u>i-Tree</u> website.

### National Tree Benefit Calculator

Beta

Thank you for choosing this site to calculate the economic and ecological benefits of your tree.

Find your climate zone to get started:

Enter your zip code below:

Submit

-OR-

Select a zone from the map



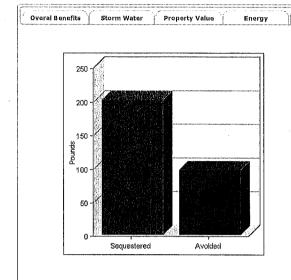




ome Calculate another tree

### National Tree Benefit Calculator

Beta



This year your 18 Inch Southern Magnolia tree will reduce atmospheric carbon by 286 pounds.

About the Model

How significant is this number? Most car owners of an "average" car (mid-sized sedan) drive 12,000 miles generating about 11,000 pounds of CO2 every year. A flight from New York to Los Angeles adds 1,400 pounds of CO2 per passenger. Trees can have an impact by reducing atmospheric carbon in two primary ways (see figure at left):

- They sequester ("lock up") CO2 in their roots, trunks, stems and leaves while they grow, and in wood products after they are harvested.
- Trees near bulldings can reduce heating and air conditioning demands, thereby reducing emissions associated with power production.

Combating climate change will take a worldwide, multifaceted approach, but by planting a tree in a strategic location, driving fewer miles, or replacing business trips with conference calls, it's easy to see how we can each reduce our individual carbon "footprints."

For more information visit: The Center for Urban Forest Research







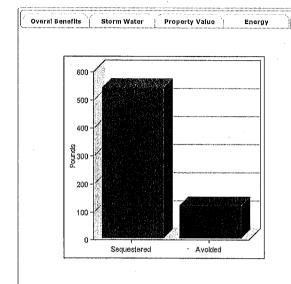
lome

Calculate another tree

### National Tree Benefit Calculator

Beta

Air Quality



This year your 18 inch Red maple tree will reduce atmospheric carbon by 637 pounds.

About the Model

How significant is this number? Most car owners of an "average" car (mid-sized sedan) drive 12,000 miles generating about 11,000 pounds of CO2 every year. A flight from New York to Los Angeles adds 1,400 pounds of CO2 per passenger. Trees can have an impact by reducing atmospheric carbon in two primary ways (see figure at left):

- They sequester ("lock up") CO2 in their roots, trunks, stems and leaves while they grow, and in wood products after they are harvested.
- Trees near buildings can reduce heating and air conditioning demands, thereby reducing emissions associated with power production.

Combating climate change will take a worldwide, multifaceted approach, but by planting a tree in a strategic location, driving fewer miles, or replacing business trips with conference calls, it's easy to see how we can each reduce our individual carbon "footprints."

For more information visit: The Center for Urban Forest Research





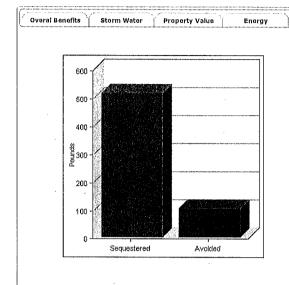


Home

Calculate another tree

### National Tree Benefit Calculator

Beta



This year your 18 inch American beech tree will reduce atmospheric carbon by 598 pounds.

About the Model

How significant is this number? Most car owners of an "average" car (mid-sized sedan) drive 12,000 miles generating about 11,000 pounds of CO2 every year. A flight from New York to Los Angeles adds 1,400 pounds of CO2 per passenger. Trees can have an impact by reducing atmospheric carbon in two primary ways (see figure at left):

- They sequester ("lock up") CO2 in their roots, trunks, stems and leaves while they grow, and in wood products after they are harvested.
- Trees near buildings can reduce heating and air conditioning demands, thereby reducing emissions associated with power production.

Combating climate change will take a worldwide, multifaceted approach, but by planting a tree in a strategic location, driving fewer miles, or replacing business trips with conference calls, it's easy to see how we can each reduce our individual carbon "footprints."

For more information visit: The Center for Urban Forest Research



